

PAT-NO: FR002756237A1

DOCUMENT-IDENTIFIER: FR 2756237 A1

TITLE: Automobile main-beam headlamp with retractable
infrared filter

PUBN-DATE: May 29, 1998

INVENTOR-INFORMATION:

NAME	COUNTRY
ALBOU, PIERRE	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
VALEO VISION	FR

APPL-NO: FR09614445

APPL-DATE: November 26, 1996

PRIORITY-DATA: FR09614445A (November 26, 1996)

INT-CL (IPC): B60Q001/14;F21M003/00

EUR-CL (EPC): B60Q001/14 ; F21M003/18,F21V009/00
,F21S008/10 ,F21V007/00

ABSTRACT:

CHG DATE=19990617 STATUS=O>The headlamp case contains an ellipsoid reflector (100), with light source (105) at the inner focus (110). Reflected light passes through the outer focus (120), coincident with the focus (210) of a paraboloid reflector (200). Normally, the assembly functions as a main-beam headlamp. When meeting oncoming traffic, separate dipped-beam projectors give direct illumination, while an infrared filter (300) is rapidly introduced into the beam concentration near the coincident foci (120/210). The main-beam

field, thus illuminated without dazzle by infrared, is displayed on an in-car screen by infrared receptors. The filter is raised on a guide rail, into its active position, by a solenoid. The action is opt. horizontal or rotary, with solenoid or motor actuator.